

AMENDMENTS TO THE DRAWINGS

The attached sheet(s) of drawings includes changes to FIG. 6.

FIG. 6 has been amended to show that the capacitor 82 covers a portion of the floating diffusion region 25.

Attachment: Replacement sheet
 Annotated sheet showing changes

SUMMARY OF TELEPHONIC INTERVIEWS WITH THE EXAMINER

Applicant's representative, Elizabeth Parsons (Reg. No. 52,499), spoke with Examiner Prenty on July 19, 25, and 27, 2005. Applicant thanks the examiner for taking his time to discuss this application with Applicant's representative.

Each discussion related to the Office Action Mailed on May 6, 2005. In particular the discussions related to the objection to FIG. 6. The objection to the Specification and the rejection of claim 16 were also discussed. In the July 27 interview the amendment to FIG. 6 contained herein was also discussed. No agreement was reached regarding any of the outstanding objections or the rejection of claim 16.

REMARKS

Applicant graciously acknowledges the allowance of claims 15, 17 and 26-30.

The amendment filed on March 3, 3005 is objected to under 35 U.S.C. § 132(a) for introducing new matter into the disclosure. The specification has been amended to add the subject matter deleted by the March 3 amendment and to clarify a portion of the description of FIGS. 5 and 6. Applicant respectfully submits that the March 3 amendments as clarified by the amendments herein do not constitute new matter. Accordingly, Applicants respectfully request withdrawal of this objection.

FIG. 6 is objected to for being inconsistent with FIG. 5. FIG. 6 has been amended has been amended to show that the capacitor 82 covers a portion of the floating diffusion region 25. Applicants respectfully submit that FIG. 5 is consistent with FIG. 6, as amended. FIG. 6 shows a cross-sectional view of a FIG. 5 along line A-A'. FIG. 6 also shows the location of the n⁺ region of floating diffusion region 25 in greater detail than is shown in FIG. 5. Applicants also note that while the capacitor 82

covers a portion of the floating diffusion region 25 as shown in FIG. 6, FIG. 6 is an illustration of an exemplary embodiment of the invention and is not meant to be limiting with respect to the degree to which capacitor covers the n^+ region of floating diffusion region 25.

Claim 16 stands rejected under 35 U.S.C. § 112, first paragraph, for failing to comply with the written description requirement. Specifically, the Examiner states that the recitation that the gate capacitor does not cover a portion of the floating diffusion constitutes new matter. Claim 16 has been amended to recite that "the gate capacitor is formed over a portion of said floating diffusion region and an active area of said substrate." Accordingly, Applicants respectfully submit that the Specification supports claim 16, as amended, (see FIGS. 5 and 6, and the descriptions thereof) and that the Specification described the subject matter of claim 16 in such a way as to reasonably convey to one of ordinary skill in the art that the inventors had possession of the claimed invention at the time this application was filed. Therefore, Applicant respectfully requests withdrawal of this rejection.

Application No.: 10/618,627
Amendment dated August 4, 2005
Reply to Office action dated May 6, 2005

Docket No.: M4065.0956/P956

In view of the above amendments, applicant believes the pending application is in condition for allowance.

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Respectfully submitted,

By 

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Attachments



FIG. 6